

SEQUENCE LISTING

<110> Van Andel Research Institute  
Hay, Rick V., et al

<120> Monoclonal Antibody Imaging and Therapy of Tumors that Express  
Met and Bind Hepatocyte Growth Factor

<130> VAN67 P323

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<170> PatentIn version 3.4

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<212> PRT

<213> Homo sapiens

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Val Ala Glu Tyr Lys Thr Gly Pro Val Leu Glu His Pro Asp Cys Phe  
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Pro Cys Gln Asp Cys Ser Ser Lys Ala Asn Leu Ser Gly Gly Val Trp  
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Lys Asp Asn Ile Asn Met Ala Leu Val Val Asp Thr Tyr Tyr Asp Asp  
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Gln Leu Ile Ser Cys Gly Ser Val Asn Arg Gly Thr Cys Gln Arg His

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Val Phe Pro His Asn His Thr Ala Asp Ile Gln Ser Glu Val His Cys  
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His Asp Met Thr Pro Glu Asn Phe Lys Cys Lys Asp Leu Arg Glu Asn  
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Tyr Cys Arg Asn Pro Asp Gly Ser Glu Ser Pro Trp Cys Phe Thr Thr  
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Ser Lys Leu Asn Glu Asn Tyr Cys Arg Asn Pro Asp Asp Ala His  
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Tyr Asp Gly Leu Leu Arg Val Ala His Leu Tyr Ile Met Gly Asn Glu  
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Lys Cys Ser Gln His His Arg Gly Lys Val Thr Leu Asn Glu Ser Glu  
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Ile Cys Ala Gly Ala Glu Lys Ile Gly Ser Gly Pro Cys Glu Gly Asp  
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Tyr Gly Gly Pro Leu Val Cys Glu Gln His Lys Met Arg Met Val Leu  
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Gly Val Ile Val Pro Gly Arg Gly Cys Ala Ile Pro Asn Arg Pro Gly  
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Leu His Glu His His Ile Phe Leu Gly Ala Thr Asn Tyr Ile Tyr Val  
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Leu Asn Glu Glu Asp Leu Gln Lys Val Ala Glu Tyr Lys Thr Gly Pro  
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Val Leu Glu His Pro Asp Cys Phe Pro Cys Gln Asp Cys Ser Ser Lys  
65 70 75 80

Ala Asn Leu Ser Gly Gly Val Trp Lys Asp Asn Ile Asn Met Ala Leu  
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Val Val Asp Thr Tyr Tyr Asp Asp Gln Leu Ile Ser Cys Gly Ser Val  
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Asn Arg Gly Thr Cys Gln Arg His Val Phe Pro His Asn His Thr Ala  
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Asp Ile Gln Ser Glu Val His Cys Ile Phe Ser Pro Gln Ile Glu Glu  
130 135 140

Pro Ser Gln Cys Pro Asp Cys Val Val Ser Ala Leu Gly Ala Lys Val  
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Leu Ser Ser Val Lys Asp Arg Phe Ile Asn Phe Phe Val Gly Asn Thr

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Ile Asn Ser Ser Tyr Phe Pro Asp His Pro Leu His Ser Ile Ser Val  
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Arg Arg Leu Lys Glu Thr Lys Asp Gly Phe Met Phe Leu Thr Asp Gln  
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Ser Tyr Ile Asp Val Leu Pro Glu Phe Arg Asp Ser Tyr Pro Ile Lys  
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Tyr Val His Ala Phe Glu Ser Asn Asn Phe Ile Tyr Phe Leu Thr Val  
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Phe Cys Ser Ile Asn Ser Gly Leu His Ser Tyr Met Glu Met Pro Leu  
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Glu Cys Ile Leu Thr Glu Lys Arg Lys Lys Arg Ser Thr Lys Lys Glu  
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Val Phe Asn Ile Leu Gln Ala Ala Tyr Val Ser Lys Pro Gly Ala Gln  
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Leu Ala Arg Gln Ile Gly Ala Ser Leu Asn Asp Asp Ile Leu Phe Gly  
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Val Phe Ala Gln Ser Lys Pro Asp Ser Ala Glu Pro Met Asp Arg Ser  
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Ala Met Cys Ala Phe Pro Ile Lys Tyr Val Asn Asp Phe Phe Asn Lys  
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Ile Val Asn Lys Asn Asn Val Arg Cys Leu Gln His Phe Tyr Gly Pro  
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Asn His Glu His Cys Phe Asn Arg Thr Leu Leu Arg Asn Ser Ser Gly  
370 375 380

Cys Glu Ala Arg Arg Asp Glu Tyr Arg Thr Glu Phe Thr Thr Ala Leu  
385 390 395 400

Gln Arg Val Asp Leu Phe Met Gly Gln Phe Ser Glu Val Leu Leu Thr  
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Ser Ile Ser Thr Phe Ile Lys Gly Asp Leu Thr Ile Ala Asn Leu Gly  
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Thr Ser Glu Gly Arg Phe Met Gln Val Val Val Ser Arg Ser Gly Pro  
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Ser Thr Pro His Val Asn Phe Leu Leu Asp Ser His Pro Val Ser Pro  
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Glu Val Ile Val Glu His Thr Leu Asn Gln Asn Gly Tyr Thr Leu Val  
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Ile Thr Gly Lys Lys Ile Thr Lys Ile Pro Leu Asn Gly Leu Gly Cys  
485 490 495

Arg His Phe Gln Ser Cys Ser Gln Cys Leu Ser Ala Pro Pro Phe Val  
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